PATENT

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By
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Dated: March 15, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of)
)
CHARLES L. WALLACE, ET AL.)
)
Serial No.)
)
Filed: (concurrently herewith))
)
For: GRAPHIC USER INTERFACE)
FOR A PATIENT VENTILATOR)

Prior Examiner: T. JOSEPH

Prior Group Art Unit: 2173

Docket No. PURIT:60555

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March 15, 2002
Los Angeles, California

PRELIMINARY AMENDMENT

BOX NON-FEE AMENDMENT
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This Preliminary Amendment is being filed concurrently with a Continuation Application being filed under 37 CFR 1.53(b), based upon Serial No. 09/314,860 filed May 19, 1999.

IN THE SPECIFICATION:

At page 1, the first line, before "Field of the Invention:" please insert:

Related Applications:

This is a continuation of Serial No. 09/314,860 filed May 19, 1999, which is a continuation of Serial No. 08/818,201 filed March 14, 1997 now U.S. Patent No. 5,915,379.

IN THE CLAIMS:

Please cancel Claims 2 through 6, without prejudice, and add the following new claims 7 through 13:

7. (New) In a system for programming a respirator for ventilating a patient, the system including a programmable controller responsive to selected ventilation parameters for controlling the respirator to ventilate the patient and for storing a plurality of ventilation parameters, a display for displaying a plurality of ventilation parameters currently used by the controller to control the respirator and a plurality of proposed ventilation parameters, and input means cooperating with the controller and the display for selecting one of the proposed ventilation parameters from the plurality of proposed ventilation parameters, the improvement comprising:

said display including a graphical representation of the effect of the proposed

ventilation parameters on the breath cycle.

8. (New) The system of Claim 7, wherein said display includes a graphical representation of the ventilation parameters currently used.

9. (New) The system of Claim 7, wherein said display includes a graphical representation of the proposed ventilation parameters of a breath cycle.

10. (New) The system of claim 7, wherein the graphical representation of the effect of the proposed ventilation parameters on the breath cycle comprises a time scale, an inspiration bar and an expiration bar, and the lengths of the inspiration bar and the expiration bar are a function of the ventilator settings used by the controller to control the ventilator.

11. (New) The system of claim 7, wherein the input means includes means for assigning values to the selected proposed ventilation parameters, the graphical representation of the effect of the proposed ventilation parameters on the breath cycle comprises a time scale, an inspiration bar and an expiration bar, and the lengths of the inspiration bar and the expiration bar are a function of the assigned values of the proposed and not yet accepted ventilator settings.

12. (New) The system of claim 10, wherein the time scale is associated with

the inspiration and expiration bar and is rescaled to be compatible with the combination of the times on the bar.

13. (New) The system of Claim 11, wherein the time scale associated with the inspiration and expiration bar is rescaled to be compatible with the combinations of the times on the bar.

REMARKS

In light of the foregoing amendments, favorable consideration of the application is respectfully requested.

Respectfully submitted,

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